

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032417\
 Data File : BF093913.D
 Acq On : 24 Mar 2017 18:25
 Operator : SJ/MA
 Sample : I2394-06
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP6

Quant Time: Mar 24 23:05:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 23 02:02:22 2017
 Response via : Initial Calibration

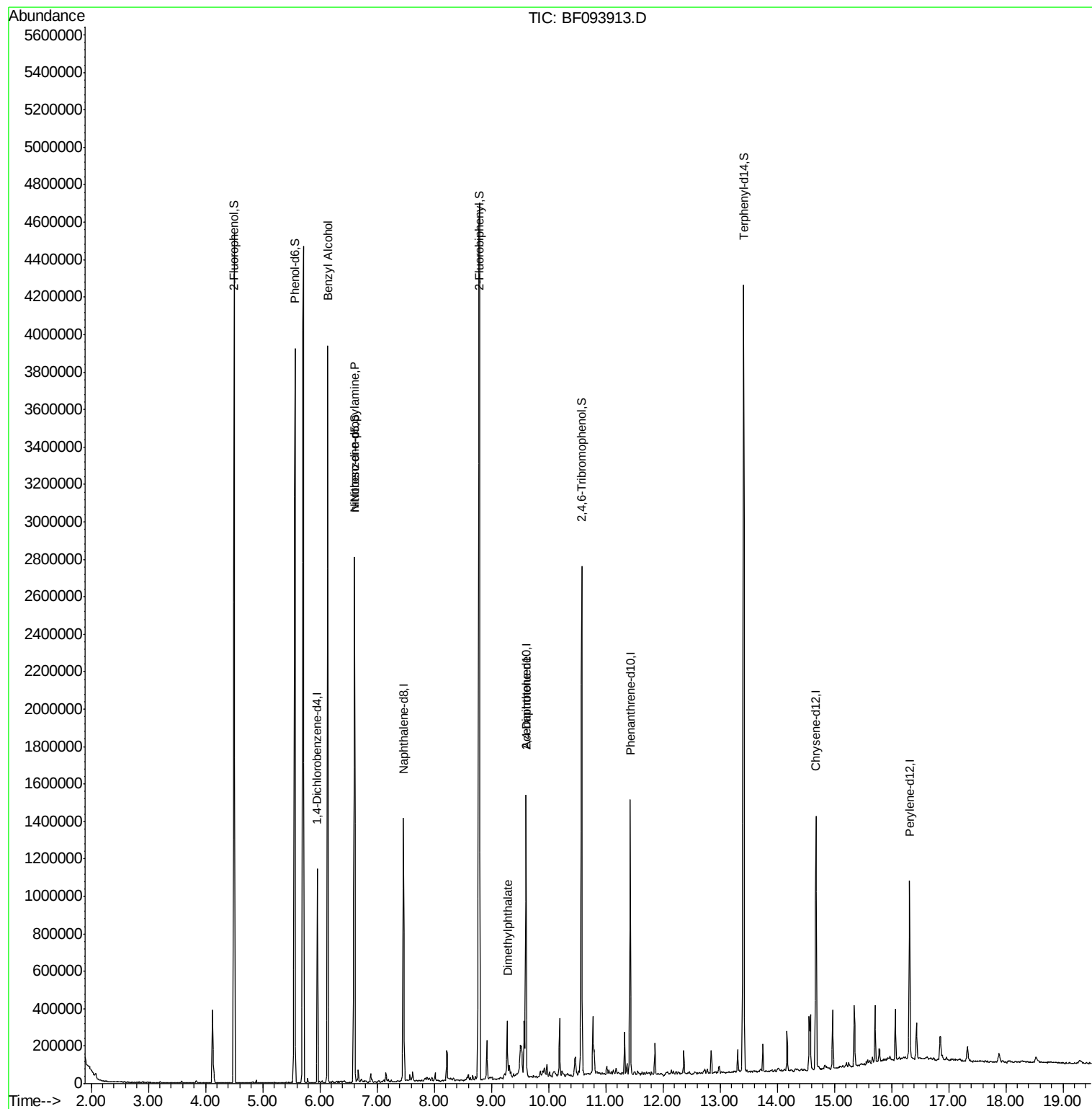
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.96	152	175427	20.00	ng	-0.03
21) Naphthalene-d8	7.46	136	714103	20.00	ng	-0.03
38) Acenaphthene-d10	9.60	164	327666	20.00	ng	-0.04
63) Phenanthrene-d10	11.43	188	584973	20.00	ng	-0.04
75) Chrysene-d12	14.68	240	496777	20.00	ng	-0.04
86) Perylene-d12	16.32	264	387782	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	4.50	112	1511706	145.55	ng	0.00
7) Phenol-d6	5.56	99	1941578	151.11	ng	0.00
23) Nitrobenzene-d5	6.61	82	1204647	96.27	ng	-0.03
41) 2,4,6-Tribromophenol	10.59	330	412726	159.40	ng	-0.02
44) 2-Fluorobiphenyl	8.79	172	2073443	96.52	ng	-0.03
78) Terphenyl-d14	13.42	244	1750056	78.96	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	6.14	79	18975	2.02	ng	# 46
19) n-Nitroso-di-n-propylamine	6.61	70	159829	19.35	ng	# 78
49) Dimethylphthalate	9.28	163	131116	5.63	ng	100
56) 2,4-Dinitrotoluene	9.60	165	42211	6.29	ng	# 33

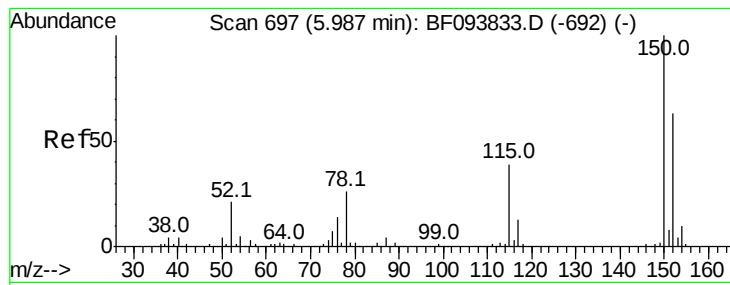
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.96 min Scan# 692

Delta R.T. -0.03 min

Lab File: BF093913.D

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COMP6

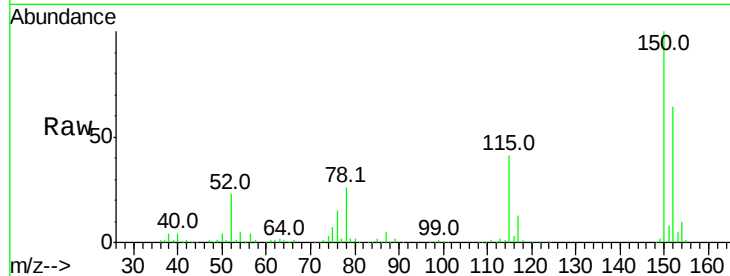
Tot Ion:152 Resp: 175427

Ion Ratio Lower Upper

152 100

150 157.3 126.2 189.2

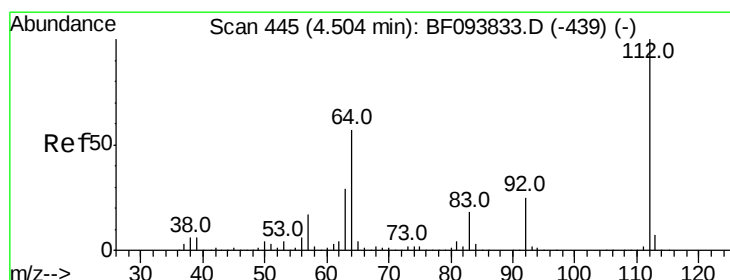
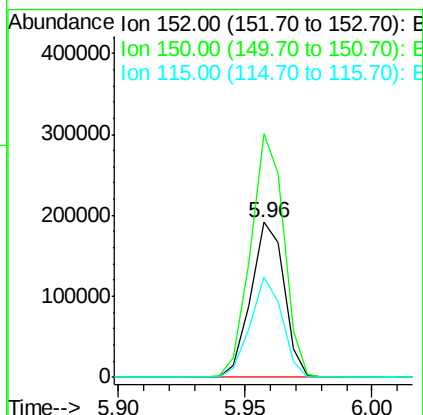
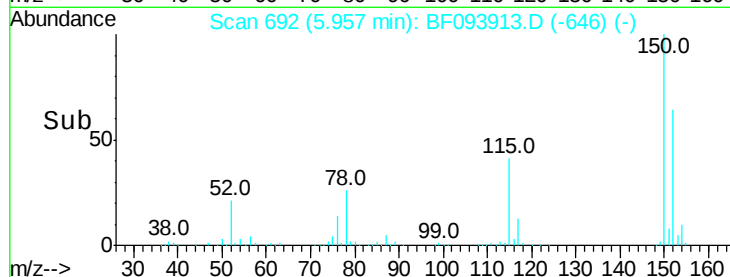
115 65.0 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 145.55 ng

RT: 4.50 min Scan# 445

Delta R.T. 0.00 min

Lab File: BF093913.D

Acq: 24 Mar 2017 18:25

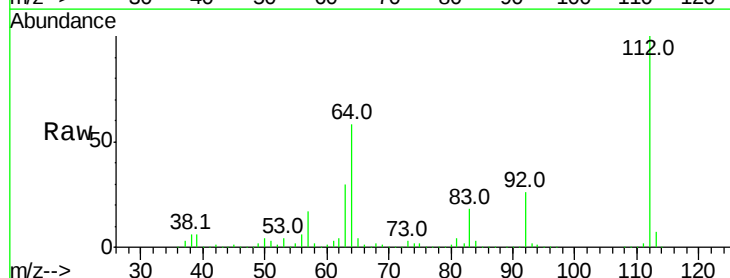
Tgt Ion:112 Resp: 1511706

Ion Ratio Lower Upper

112 100

64 58.1 46.0 69.0

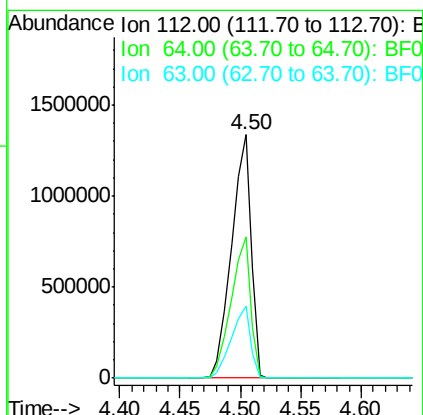
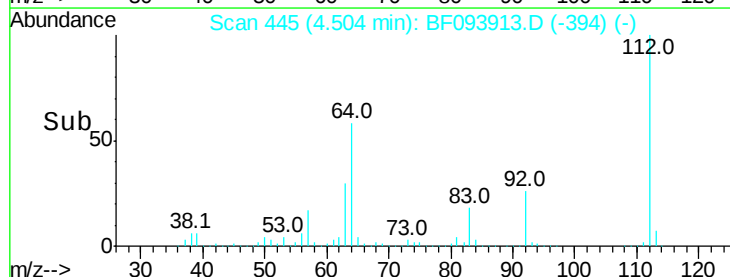
63 29.7 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 151.11 ng

RT: 5.56 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF093913.D

Acq: 24 Mar 2017 18:25

Instrument :

BNA_F

ClientSampleId :

COMP6

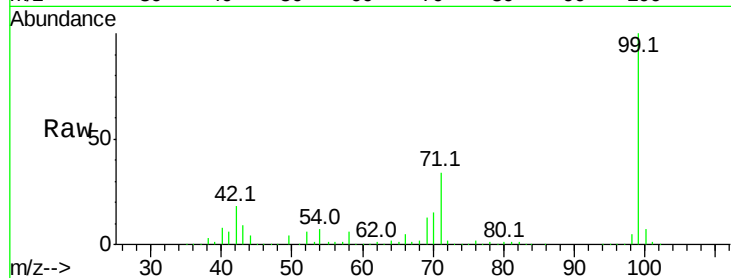
Tot Ion: 99 Resp: 1941578

Ion Ratio Lower Upper

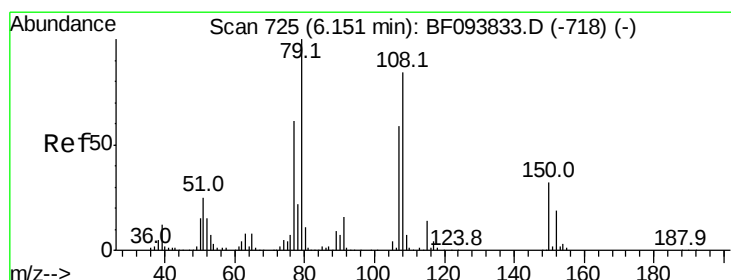
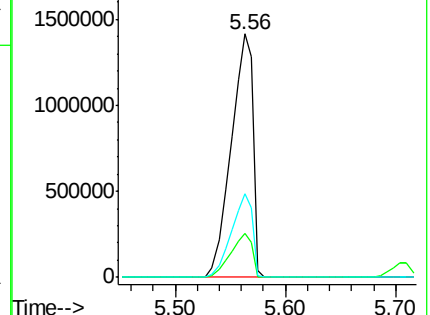
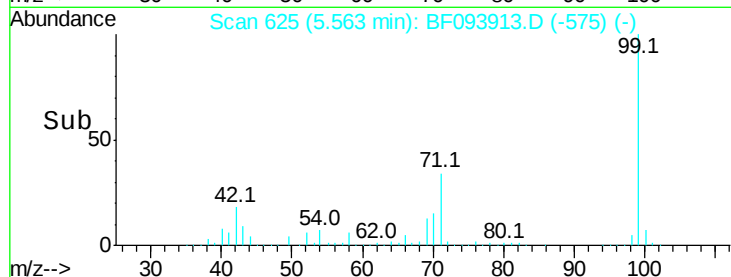
99 100

42 18.2 13.5 20.3

71 34.4 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#15

Benzyl Alcohol

Concen: 2.02 ng

RT: 6.14 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF093913.D

Acq: 24 Mar 2017 18:25

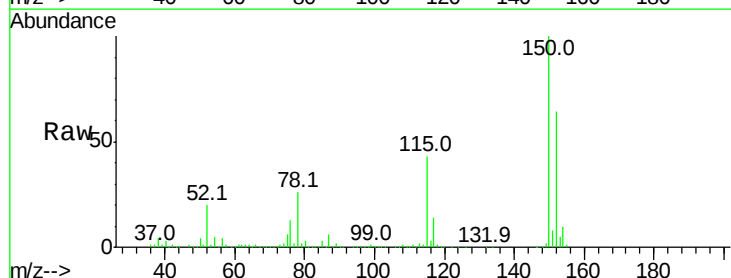
Tgt Ion: 79 Resp: 18975

Ion Ratio Lower Upper

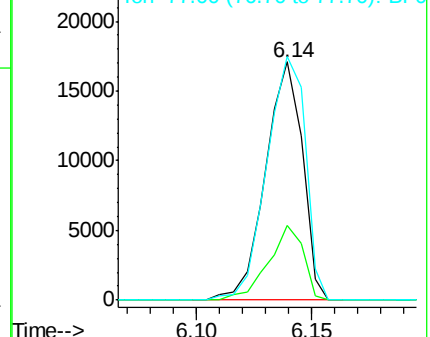
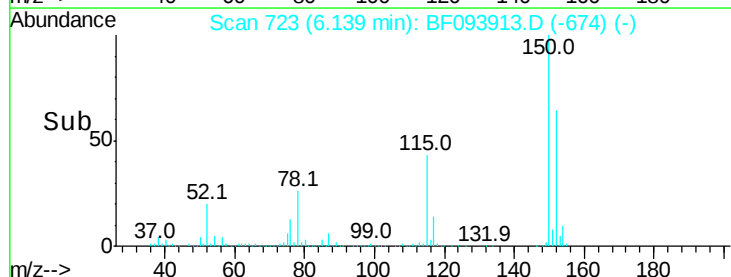
79 100

108 31.2 63.4 95.0#

77 102.3 49.2 73.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 19.35 ng

RT: 6.61 min Scan# 803

Delta R.T. 0.14 min

Lab File: BF093913.D

Acq: 24 Mar 2017 18:25

Instrument :

BNA_F

ClientSampleId :

COMP6

Tot Ion: 70 Resp: 159829

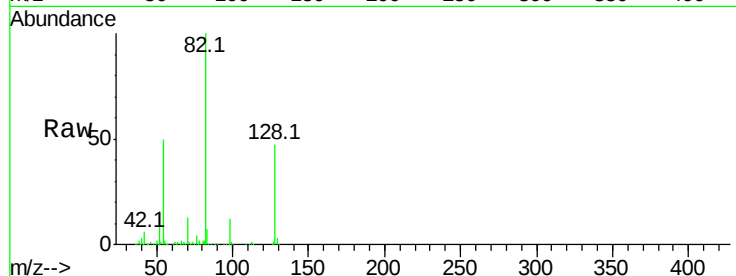
Ion Ratio Lower Upper

70 100

42 46.8 47.2 70.8#

101 0.0 7.2 10.8#

130 1.9 15.9 23.9#

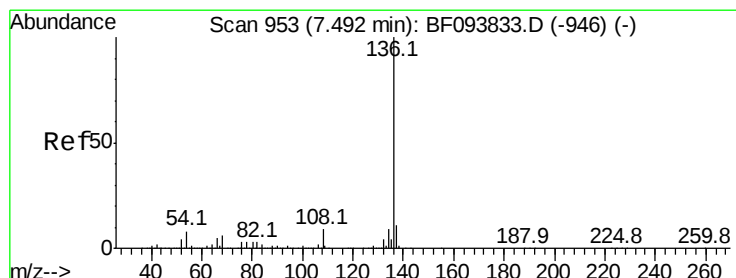
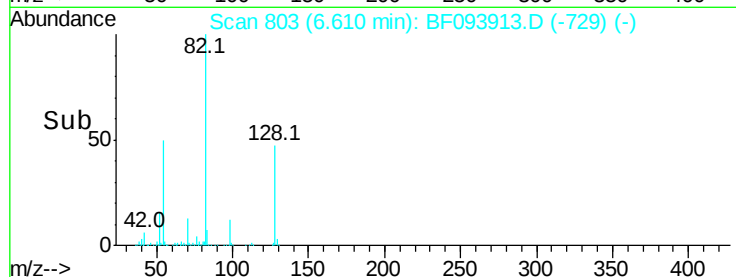
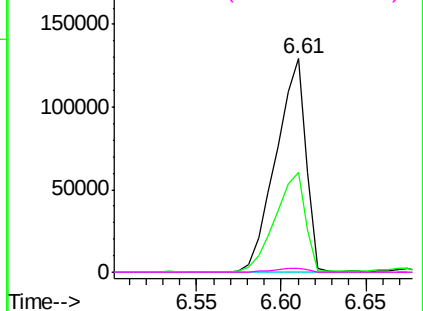


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.46 min Scan# 948

Delta R.T. -0.03 min

Lab File: BF093913.D

Acq: 24 Mar 2017 18:25

Tgt Ion: 136 Resp: 714103

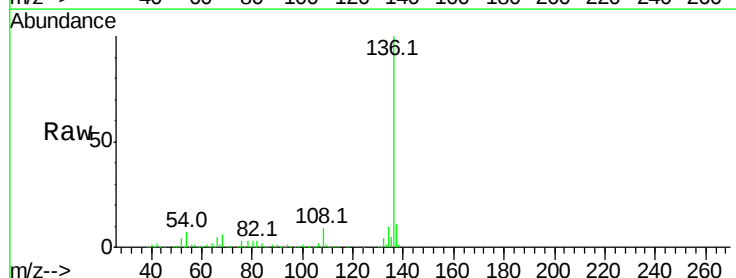
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 7.5 4.9 7.3#

68 6.5 4.1 6.1#

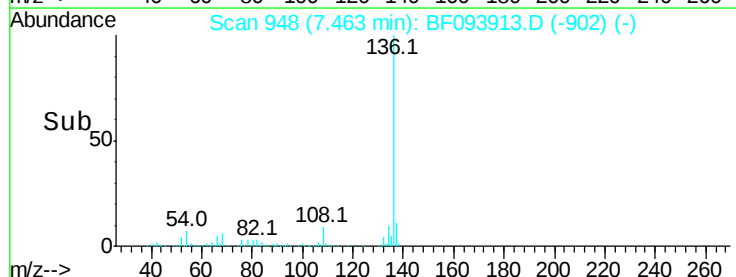
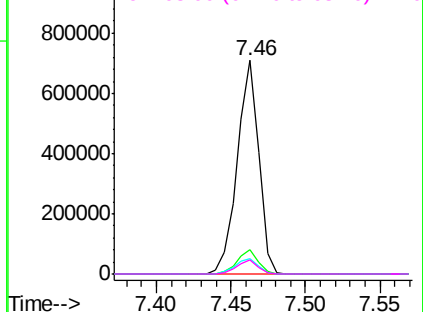


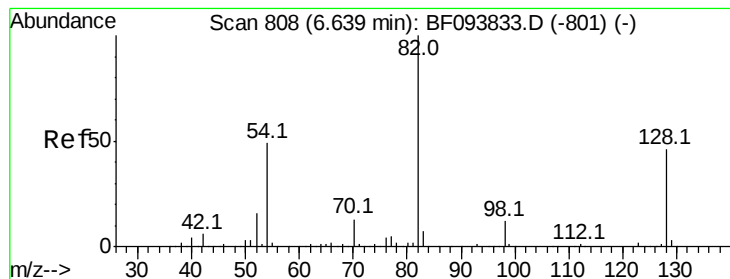
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 96.27 ng

RT: 6.61 min Scan# 803

Delta R.T. -0.03 min

Lab File: BF093913.D

Acq: 24 Mar 2017 18:25

Instrument :

BNA_F

ClientSampleId :

COMP6

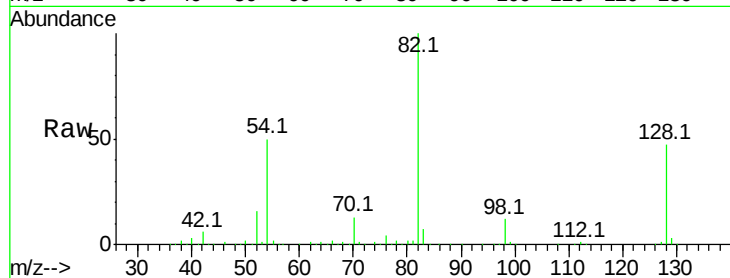
Tot Ion: 82 Resp: 1204647

Ion Ratio Lower Upper

82 100

128 47.0 34.0 51.0

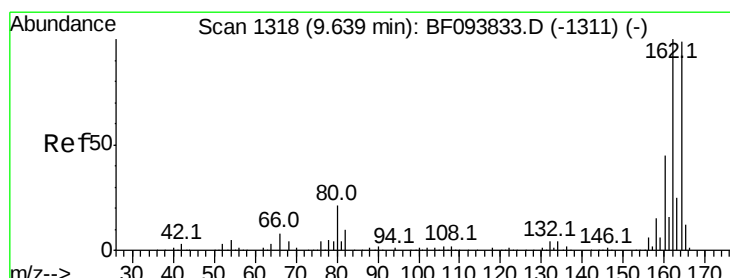
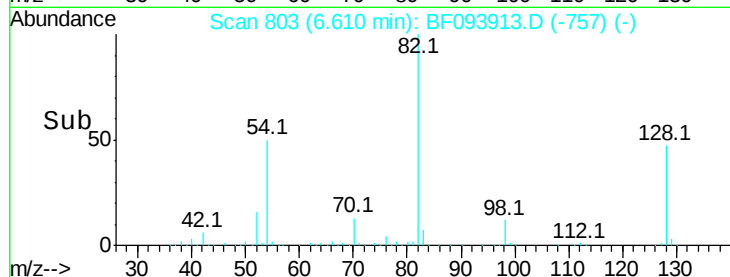
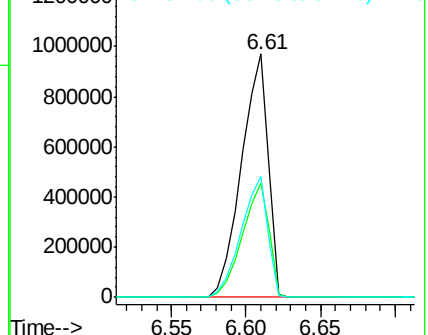
54 49.7 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.60 min Scan# 1312

Delta R.T. -0.04 min

Lab File: BF093913.D

Acq: 24 Mar 2017 18:25

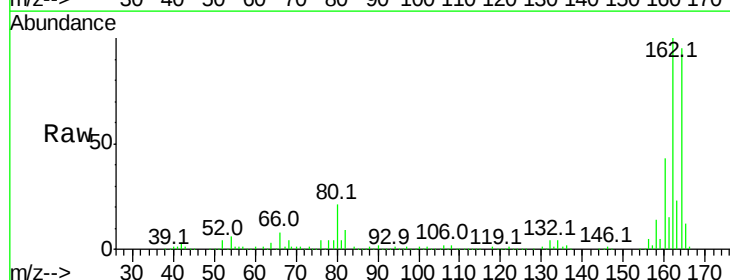
Tgt Ion:164 Resp: 327666

Ion Ratio Lower Upper

164 100

162 105.5 82.6 123.8

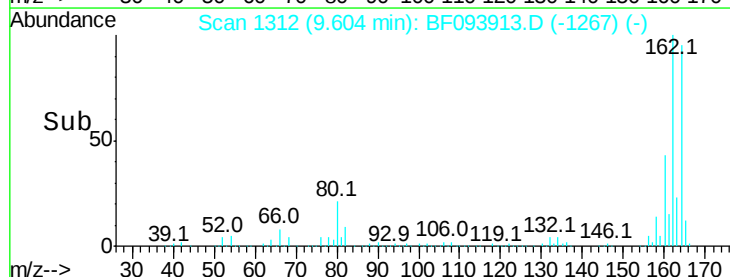
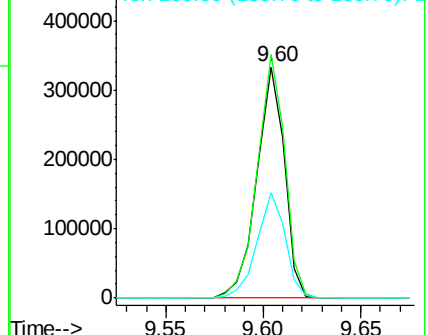
160 45.7 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

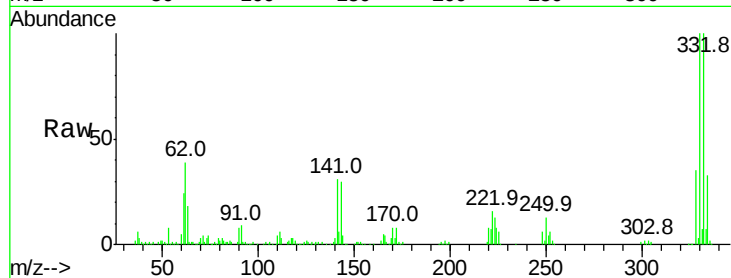




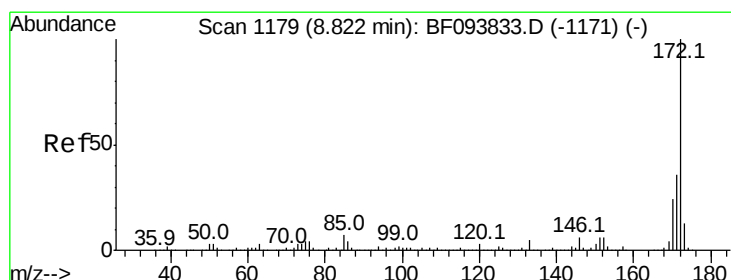
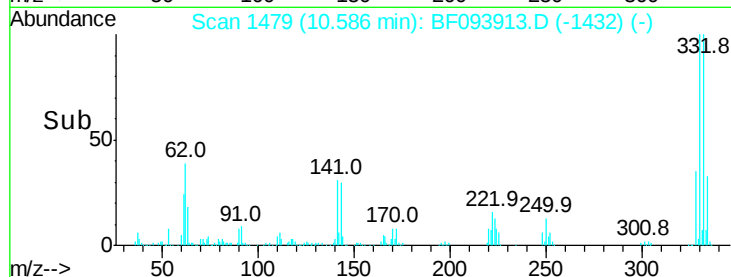
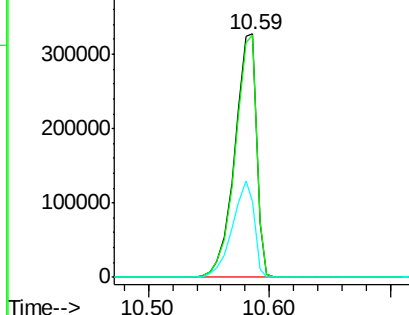
#41
 2,4,6-Tribromophenol
 Concen: 159.40 ng
 RT: 10.59 min Scan# 1479
 Delta R.T. -0.02 min
 Lab File: BF093913.D
 Acq: 24 Mar 2017 18:25

Instrument :
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 ClientSampleId :
 COMP6

Tot Ion:330 Resp: 412726
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 115.0
 141 39.8 31.4 47.2

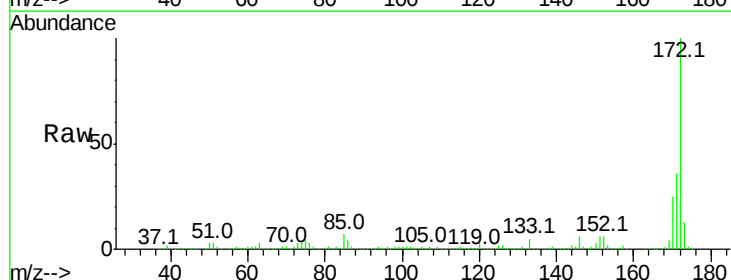


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

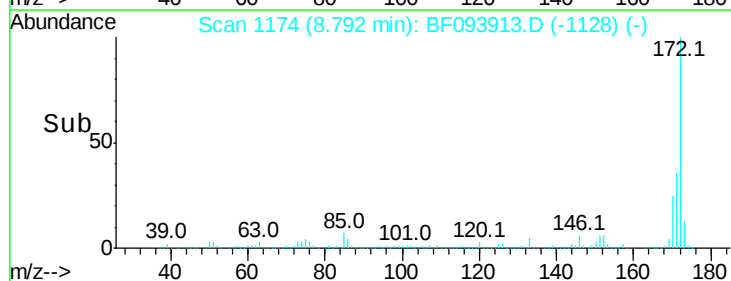
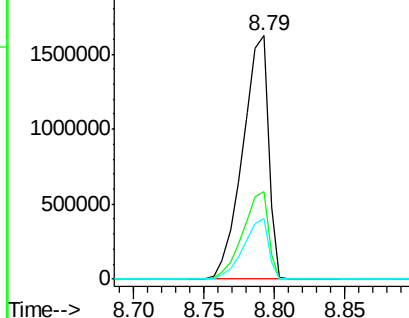


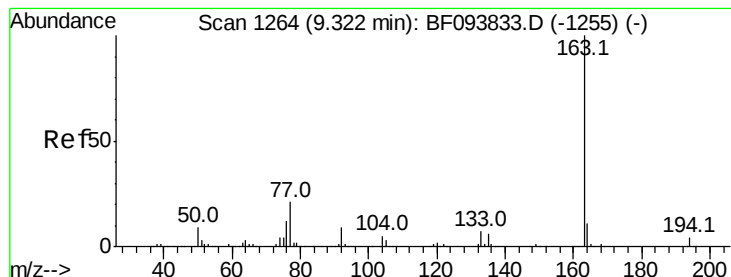
#44
 2-Fluorobiphenyl
 Concen: 96.52 ng
 RT: 8.79 min Scan# 1174
 Delta R.T. -0.03 min
 Lab File: BF093913.D
 Acq: 24 Mar 2017 18:25

Tgt Ion:172 Resp: 2073443
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 25.1 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 5.63 ng

RT: 9.28 min Scan# 1257

Delta R.T. -0.04 min

Lab File: BF093913.D

Acq: 24 Mar 2017 18:25

Instrument :

BNA_F

ClientSampleId :

COMP6

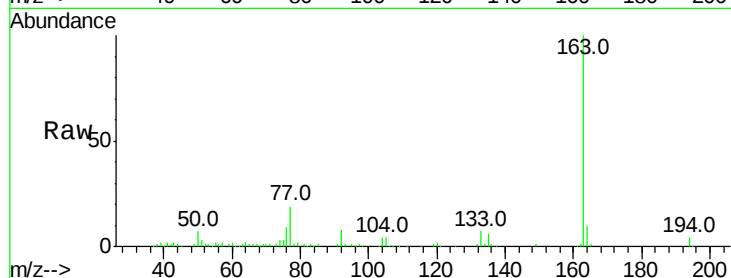
Tot Ion:163 Resp: 131116

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

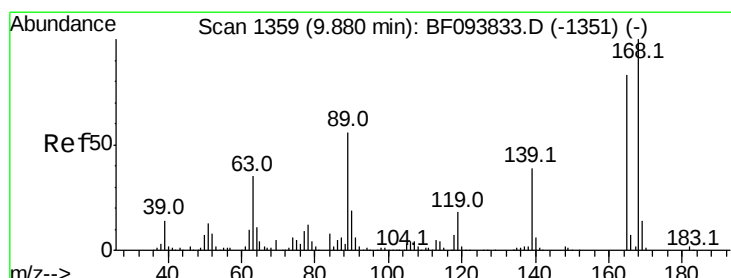
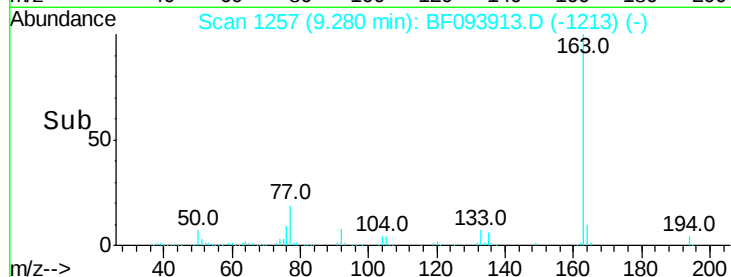
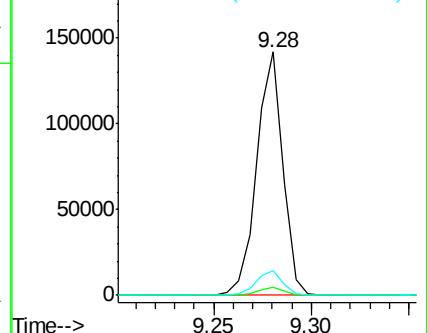
164 10.3 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 6.29 ng

RT: 9.60 min Scan# 1312

Delta R.T. -0.28 min

Lab File: BF093913.D

Acq: 24 Mar 2017 18:25

Tgt Ion:165 Resp: 42211

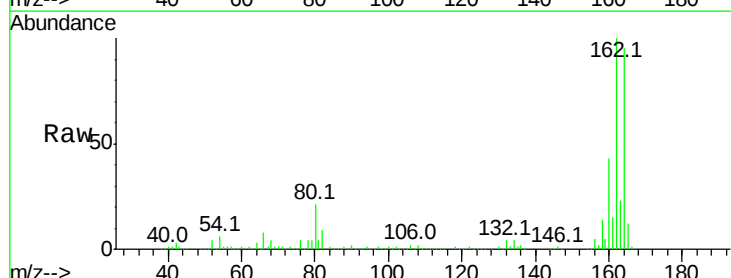
Ion Ratio Lower Upper

165 100

63 1.3 25.4 38.0#

89 1.5 46.4 69.6#

182 0.0 1.8 2.6#

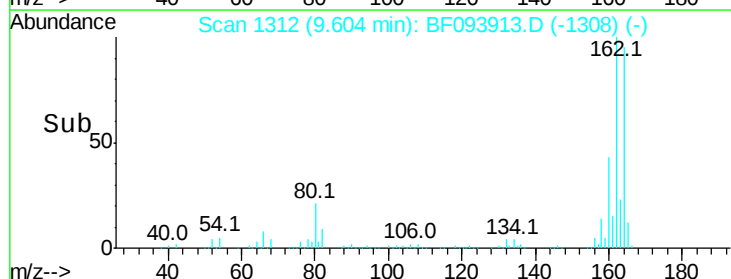
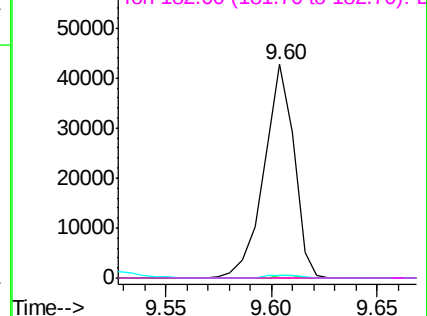


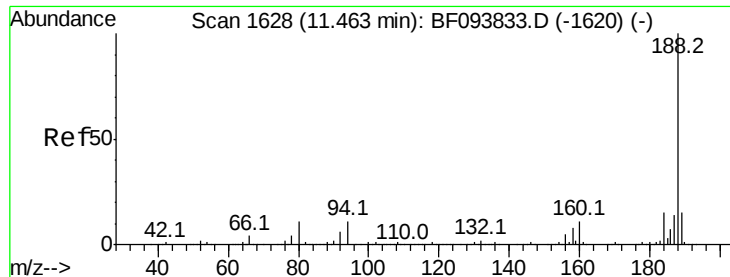
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

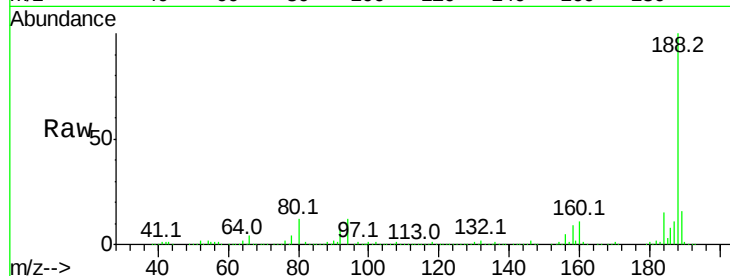




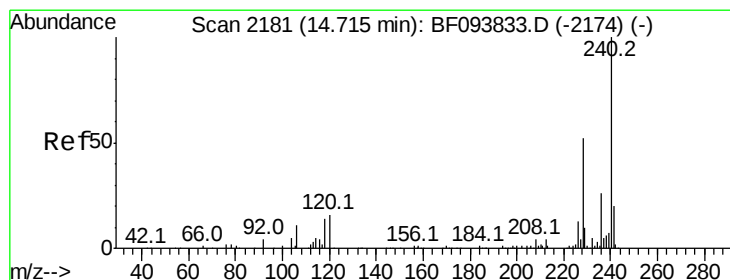
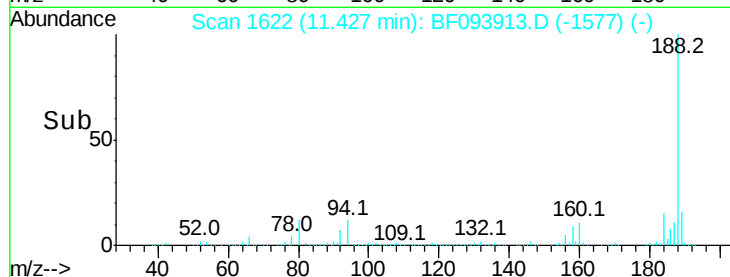
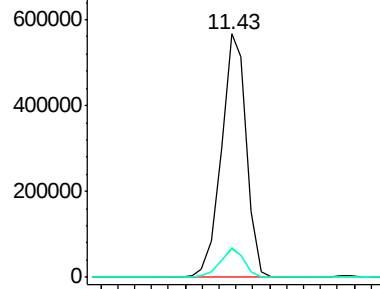
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 1622
Delta R.T. -0.04 min
Lab File: BF093913.D
Acq: 24 Mar 2017 18:25

Instrument :
BNA_F
ClientSampleId :
COMP6

Tot Ion:188 Resp: 584973
Ion Ratio Lower Upper
188 100
94 11.7 9.4 14.2
80 12.4 10.2 15.2

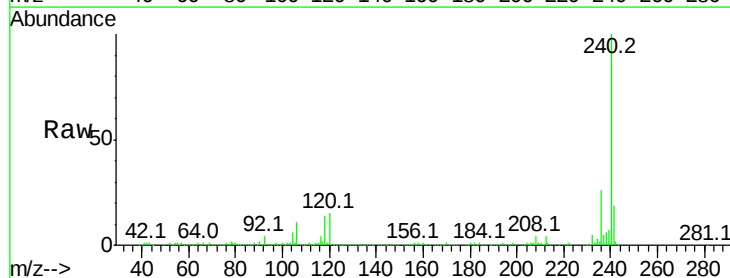


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

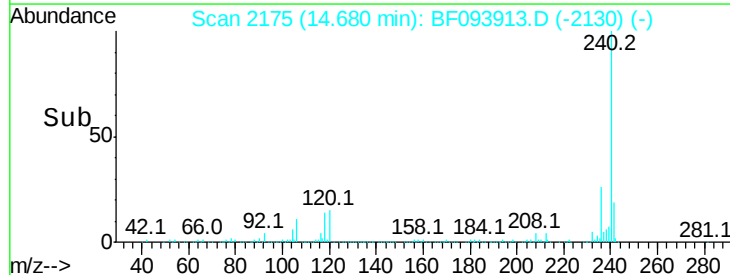
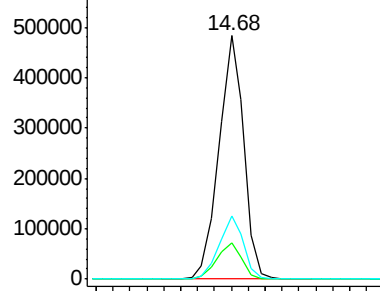


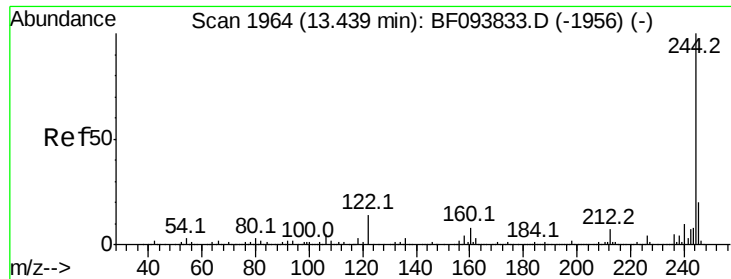
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.68 min Scan# 2175
Delta R.T. -0.04 min
Lab File: BF093913.D
Acq: 24 Mar 2017 18:25

Tgt Ion:240 Resp: 496777
Ion Ratio Lower Upper
240 100
120 15.0 5.8 8.8#
236 25.7 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

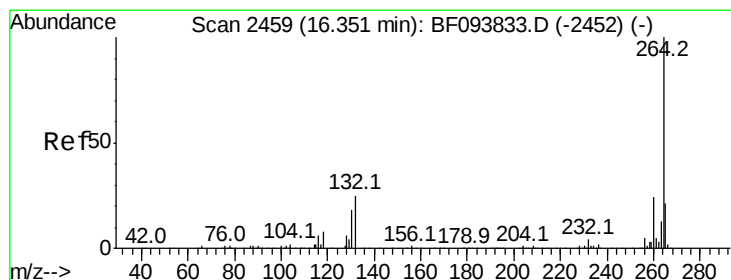
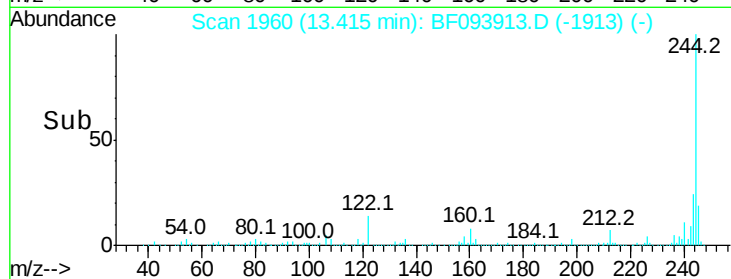
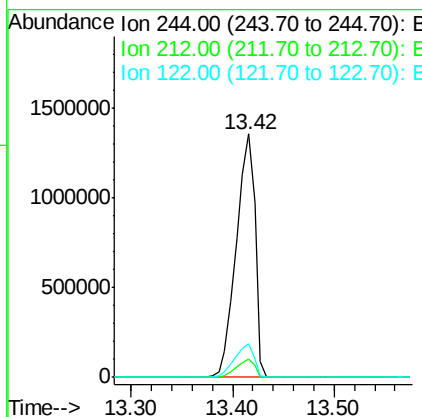
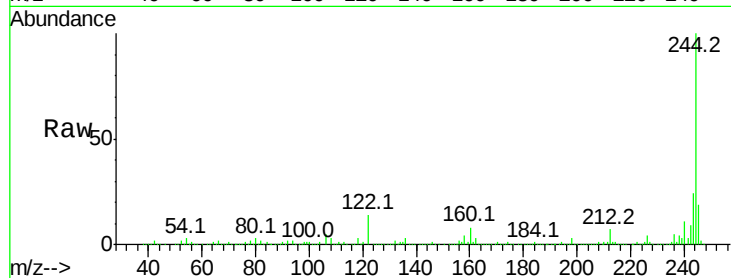




#78
 Terphenyl-d14
 Concen: 78.96 ng
 RT: 13.42 min Scan# 1960
 Delta R.T. -0.02 min
 Lab File: BF093913.D
 Acq: 24 Mar 2017 18:25

Instrument :
 BNA_F
 ClientSampleId :
 COMP6

Tot Ion:244 Resp: 1750056
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 13.6 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.32 min Scan# 2453
 Delta R.T. -0.04 min
 Lab File: BF093913.D
 Acq: 24 Mar 2017 18:25

Tgt Ion:264 Resp: 387782
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.5 29.3
 265 21.5 17.2 25.8

